



# Missouri Department of Health

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief  
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) October 2000  
(through week 43 ending Oct. 28, 2000)

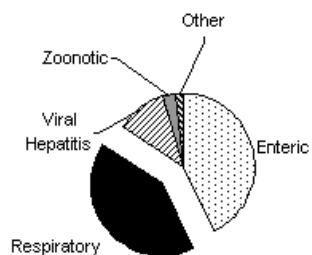
DATE: Nov. 13, 2000

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at [www.health.state.mo.us](http://www.health.state.mo.us) under Resource Materials.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

**Reported Diseases by Category**  
**Missouri, Year-To-Date**  
**January 2\* - October 28, 2000**



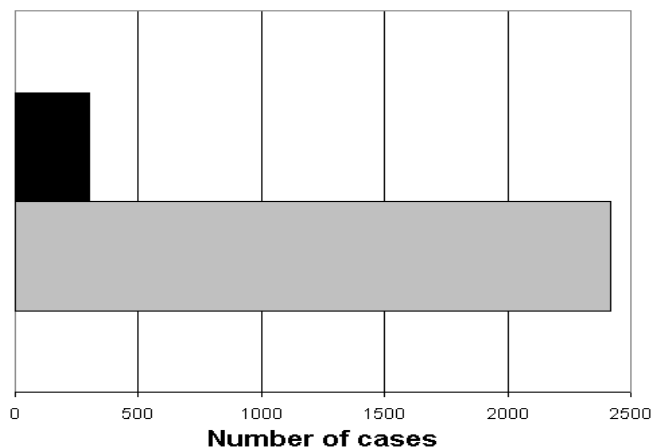
**Each month a different "slice of the pie" is described in the chart to the right.**

\*Reporting year 2000 began January 2, 2000.

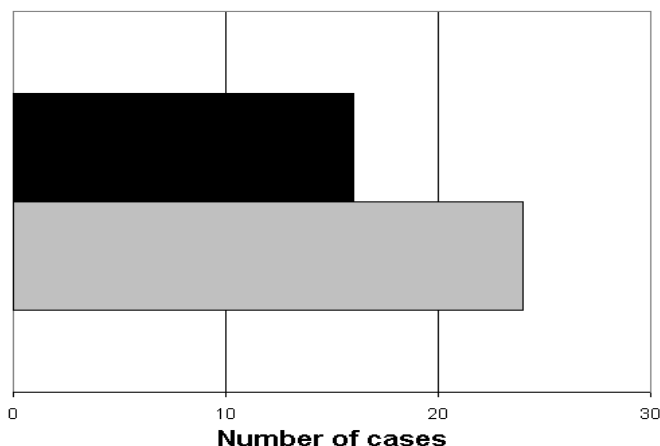
See below for list of diseases in each category.

**January 2, 2000 to October 28, 2000**  
**Compared to 5 Year Median for**  
**Corresponding Period**  
**Laboratory-Confirmed Influenza, Missouri**

□ 2000 ■ 5 Year Median



■ 2000 ■ 5 Year Median



### Reported Cases of Selected Diseases by Category

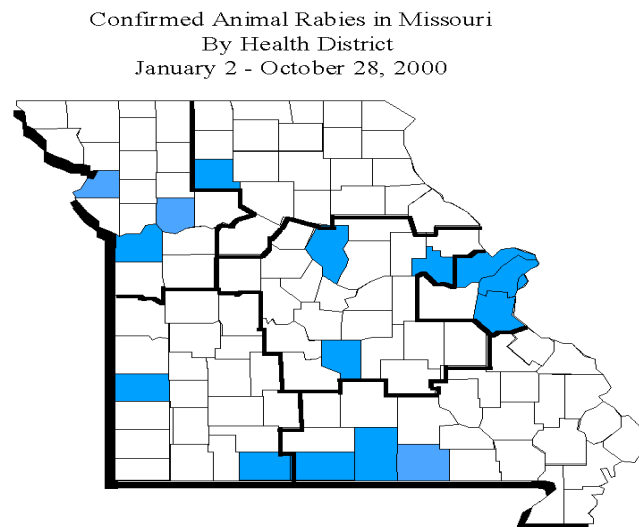
	2000 Oct	2000 YTD	1999 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, Oct 2000 by Health District							
						CD	ED	NE	NW	SE	SW	Unk	
<b>Enteric Diseases</b>													
Campylobacteriosis	48	528	476	493	+	7.10%	5	16	4	7	1	14	1
Cryptosporidiosis	6	30	22	27	+	11.11%	0	2	0	2	0	2	0
E. coli O157:H7 #	9	96	37	42	+	128.57%	1	5	1	2	0	0	0
Giardiasis	80	643	561	645	-	0.31%	6	40	2	12	5	14	1
Listeria monocytogenes	0	4	11	11	-	63.64%	0	0	0	0	0	0	0
Salmonellosis	56	593	623	489	+	21.27%	6	27	1	7	7	7	1
Shigellosis	42	591	617	327	+	80.73%	2	21	0	14	0	1	4
Yersinia enterocolitica	0	11	8	11		0.00%	0	0	0	0	0	0	0
<b>Respiratory</b>													
Influenza (Lab Confirmed)	2	2419	949	302	+	700.99%	0	1	0	0	0	1	0
Legionellosis	1	24	17	16	+	50.00%	0	1	0	0	0	0	0
<b>Viral Hepatitis</b>													
Hepatitis A	5	293	401	957	-	69.38%	1	2	0	1	1	0	0
Hepatitis B	7	367	135	256	+	43.36%	0	2	0	0	1	4	0
Hepatitis C (Acute)	*												
Hepatitis C (Non-Acute)	*												
<b>Zoonotic</b>													
Ehrlichiosis	1	47	22	12	+	291.67%	0	1	0	0	0	0	0
Lyme Disease	0	40	61	44	-	9.09%	0	0	0	0	0	0	0
Rocky Mtn Spotted Fever	3	38	14	18	+	111.11%	0	0	0	0	0	3	0
Tularemia	1	27	16	13	+	107.69%	1	0	0	0	0	0	0
<b>Other</b>													
HIB Disease	1	16	6	7	+	128.57%	0	1	0	0	0	0	0
Malaria	2	8	13	10	-	20.00%	0	2	0	0	0	0	0
Meningococcal Disease	11	77	75	75	+	2.67%	0	10	0	0	0	1	0
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Numbers to follow in future reports.													
Reportable diseases of very low incidence (<10 cases in previous year) are not included.													
~not divisible by zero													

### 1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

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### Monthly Communicable Disease Update, October, 2000 (Provisional Data)



### Confirmed Rabies in Animals

Species	October		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	51	0	549	0
Cat	54	0	637	0
Bat	53	5	959	43

Skunk	8	1	55	5
Fox	0	0	11	0
Cow	1	0	16	1
Horse	2	0	14	0
Ferret	0	0	12	0
Raccoon	18	0	154	0
Rodent/Rabbit	23	0	162	0
Other Domestic	0	0	6	0
Other Wild	4	0	31	0
Total				

Counties Under Rabies Alert: Barton, Boone, Buchanan  
and Howell Counties.

### **Active Surveillance System**

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2000	1999*	October 2000 by Health District					
	Oct	Oct	CD	ED	NE	NW	SE	SW
Animal Bites	240	167	38	16	7	108	29	42
Eye Redness w/drainage	991	908	231	119	99	162	242	138
<b>Gastro Intestinal illnesses</b>								
Diarrhea and/or vomiting	8,132	7,953	1,566	419	577	2,087	2,088	1,395
Other	814	417	24	153	70	255	148	164
<b>Respiratory Illness</b>								
Flu-like illness	5,152	6,367	858	199	404	1,821	1,095	775
Pneumonia	787	488	112	98	111	151	255	60
Other-URI	3,490	1,967	234	329	237	787	1,176	727
Strep	1,633	1,060	372	19	173	588	271	210
Mono	94	84	13	1	18	27	27	8
<b>Rash Illnesses</b>								
Chickenpox (varicella)	238	303	33	50	28	19	61	47
Shingles - (varicella zoster)	64	59	18	1	6	15	17	7
Fifth Disease	30	19	2	8	1	12	3	4
Hand, Foot & Mouth Disease	50	56	14	4	2	9	6	15
Other	372	242	99	13	11	70	90	89
<b>Hepatitis</b>								
Hepatitis A	2	17	0	0	0	1	1	0
Hepatitis B	14	38	2	0	0	5	1	6
Hepatitis C	79	52	5	0	1	37	12	24
<b>Infestations</b>								
Pediculosis	3,252	3,396	752	117	335	573	895	580
Scabies	107	125	31	6	9	22	19	20
Other	46	80	1	8	6	18	5	8
<b>Central nervous system illnesses</b>								
Encephalitis	3	62	0	0	0	0	1	2
Meningitis	15	11	1	0	0	9	1	4
Hypothermia	1	0	0	0	0	0	1	0
Hyperthermia	38	57	0	0	1	36	0	1
Other	22	6	0	0	0	7	9	6
*Does not include numbers for Eastern District								